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**Abstract**

5 The invention relates to a method for enriching tumor  
cells from a body fluid, in which a cell separation  
medium of a specific density is overlaid with the body  
fluid and it is subsequently determined whether the  
enriched cells express an epithelial marker, for  
10 example a cytokeratin. A kit suitable for this method  
is likewise provided.

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(54) Title: METHOD FOR THE IMMUNOCYTOLOGICAL OR MOLECULAR DETECTION OF DISSEMINATED TUMOR CELLS IN A BODY FLUID AND KIT THAT IS SUITABLE THEREFOR

(54) Bezeichnung: VERFAHREN ZUM IMMUNZYTologischen ODER MOLEKULAREN NACHWEIS VON DISSEMI-NIERTEN TUMORZELLEN AUS EINER KÖRPERFLÜSSIGKEIT UND DAZU GEEIGNETER KIT

(57) Abstract: The invention relates to a method for enriching tumor cells of a body fluid, in which a cell-separating medium having a specific density is covered with a layer of the body fluid and centrifuged. It is then determined whether the enriched cells express an epithelial marker, e.g. a cytokeratin. Also disclosed is a kit that is suitable for carrying out said method.

(57) Zusammenfassung: Die Erfindung betrifft ein Verfahren zur Anreicherung von Tumorzellen aus einer Körperflüssigkeit, worin ein Zellseparationsmedium spezifischer Dichte mit der Körperflüssigkeit überschichtet und zentrifugiert wird und anschließend bestimmt wird, ob die angereicherten Zellen einen epithelialen Marker, z.B. ein Zytokeratin exprimieren. Ein für dieses Verfahren geeigneter Kit wird ebenfalls bereitgestellt.